

MARYLAND VEHICLE EMISSIONS INSPECTION PROGRAM

IM240 Emissions Standards Effective May 2005

		Emissions Standards grams per mile (gpm)		
		HC	CO	NO _x
Light Duty Gasoline Vehicles Passenger Vehicles	1984-1987	1.8	30	2.8
	1988-1990	1.4	30	2.5
	1991-1993	1.0	20	2.2
	1994-1995	0.9	20	2.1
Light Duty Gasoline Trucks 1 LDGT1 - Class 1 Trucks (0-6,000 lbs GVWR)	1984-1987	2.8	80	5.8
	1988-1990	2.4	80	3.0
	1991-1993	2.0	60	2.7
	1994-1995	1.8	60	2.6
Light Duty Gasoline Trucks 2 LDGT2 - Class 2 Trucks (6,001-8,500 lbs GVWR)	1984-1987	2.9	80	6.6
	1988-1990	2.4	80	4.2
	1991-1993	2.0	60	4.0
	1994-1995	1.8	60	3.7

Effective May 2005, Heavy Duty Gasoline Trucks (HDGT1 - Class 2A Trucks) with GVWR between 8,501 lbs. and 9,999 lbs. receive the idle test.

As of July 2002, 1996 and newer light duty vehicles with GVWR 8,500 lbs. or less receive the On-Board Diagnostics (OBD) test.

Idle Test Standards

Vehicle Weight	Model Year	Emissions Standards	
		HC (ppm)	CO (%)
0 - 6,000 lb GVWR	1977	500	6.0
	1978	430	5.5
	1979	400	4.0
	1980	220	1.7
	1981 and Newer	220	1.2
6,001 - 10,000 lb GVWR	1977	580	7.0
	1978	550	6.7
	1979	470	5.0
	1980	350	5.0
	1981	250	3.0
	1982	220	2.5
	1983	220	1.5
	1984 and Newer	220	1.2
10 001 - 26,000 lb GVWR	1977	650	7.0
	1978	650	7.0
	1979	650	6.5
	1980	500	6.0
	1981	500	6.0
	1982	500	6.0
	1983	500	3.5
	1984	440	3.0
	1985	440	3.0
	1986	280	2.5
	1987 and Newer	220	1.2